

ABSTRACT

An alkaline storage battery includes: (a) a shallow case having an opening and a bottom; (b) a sealing plate covering the opening of the case; (c) a first electrode adjacent to an inner face of the bottom of the case; (d) a second electrode adjacent to an inner face of the sealing plate; (e) a separator interposed between the first electrode and the second electrode; (f) an alkaline electrolyte; and (g) at least one current collector plate selected from the group consisting of (g1) a conductive current collector plate joined to the inner face of the bottom of the case and forming a gas transfer path distributed two-dimensionally between the inner face of the bottom of the case and the first electrode and (g2) a conductive current collector plate joined to the inner face of the sealing plate and forming a gas transfer path distributed two-dimensionally between the inner face of the sealing plate and the second electrode.